MASTER OF SCIENCE IN HEALTH SCIENCES IN THE FIELD OF CLINICAL MICROBIOLOGY

Offered online

The master of science in health sciences in the field of clinical microbiology degree program, which is offered in a distance learning format, provides students with clinical microbiology and laboratory science coursework, a hands-on microbiology practicum that prepares students for a diagnostic microbiology laboratory position, and eligibility for national certification examinations in clinical microbiology. The program includes additional graduate coursework to prepare students for careers in research institutions, public health laboratories, biotechnology firms, pharmaceutical companies, or governmental agencies.

Specific admission requirements are shown on the Graduate Program Finder. (http://www.gwu.edu/all-graduate-programs)

Visit the program website (https://smhs.gwu.edu/medical-laboratory-sciences/programs/mshs/curriculum/clinical-microbiology) for additional program information.

REQUIREMENTS

The following requirements must be fulfilled: 36 credits in required courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HSCI 6263</td>
<td>Biostatistics Translational Research</td>
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<tr>
<td>HSCI 6264</td>
<td>Epidemiology Translational Research</td>
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<tr>
<td>MLS 4164</td>
<td>Clinical Microbiology Practicum</td>
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<tr>
<td>MLS 6115</td>
<td>Advanced Clinical Parasitology and Mycology</td>
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<tr>
<td>MLS 6123</td>
<td>Advanced Clinical Microbiology I</td>
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<tr>
<td>MLS 6124</td>
<td>Advanced Clinical Microbiology II</td>
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<tr>
<td>MLS 6141</td>
<td>Advanced Immunology and Serology</td>
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<tr>
<td>MLS 6151</td>
<td>Advanced Molecular Diagnostics</td>
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<tr>
<td>MLS 6158</td>
<td>Advanced Laboratory Management and Operations</td>
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<td>MLS 6216</td>
<td>Microbial Pathogenesis</td>
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<tr>
<td>MLS 6217</td>
<td>Medical Biotechnology</td>
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<tr>
<td>MLS 6244</td>
<td>Research Ethics and Integrity</td>
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</tbody>
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HSCI or MLS elective selected in consultation with the advisor.